

Summer 8-31-1962

# The Rose Tech Explorer - August 31, 1962

The Rose Tech Explorer Staff  
*Rose-Hulman Institute of Technology*

Follow this and additional works at: [https://scholar.rose-hulman.edu/rose\\_tech\\_explorer](https://scholar.rose-hulman.edu/rose_tech_explorer)

---

## Recommended Citation

The Rose Tech Explorer Staff, "The Rose Tech Explorer - August 31, 1962" (1962). *The Rose Tech Explorer*. 37.  
[https://scholar.rose-hulman.edu/rose\\_tech\\_explorer/37](https://scholar.rose-hulman.edu/rose_tech_explorer/37)

Disclaimer: Archived issues of the Rose-Hulman yearbook, which were compiled by students, may contain stereotyped, insensitive or inappropriate content, such as images, that reflected prejudicial attitudes of their day--attitudes that should not have been acceptable then, and which would be widely condemned by today's standards. Rose-Hulman is presenting the yearbooks as originally published because they are an archival record of a point in time. To remove offensive material now would, in essence, sanitize history by erasing the stereotypes and prejudices from historical record as if they never existed.

This Book is brought to you for free and open access by the Student Newspaper at Rose-Hulman Scholar. It has been accepted for inclusion in The Rose Tech Explorer by an authorized administrator of Rose-Hulman Scholar. For more information, please contact [weir1@rose-hulman.edu](mailto:weir1@rose-hulman.edu).

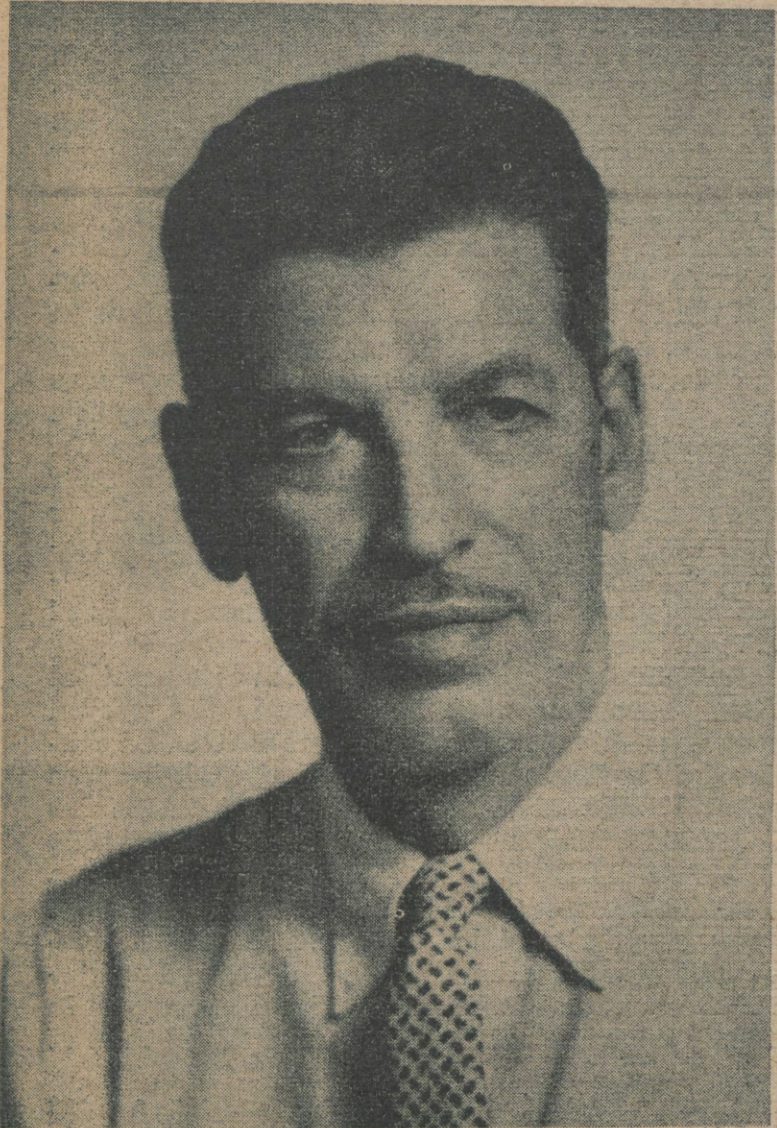


# The Rose Tech EXPLORER

VOLUME III No. 11

ROSE POLYTECHNIC INSTITUTE, TERRE HAUTE, AUGUST 31, 1962

FREE



Dr. John Alexander Logan, an able administrator and educator of engineers became Rose's tenth president September first. Dr. Logan does not appear as successful in growing a moustache as is Dean Moench, but his administration should be most fruitful.

## Dr. Logan Takes Reins Of Growing Rose Tech

By Merle Rice

A native of Yorktown, Saskatchewan, Canada, Rose's tenth President brings a wealth of experience and ability to the College. Dr. John Alexander Logan taught at Iowa State University and the University of Missouri before becoming chairman of the department of civil and sanitary engineering at Northwestern University in 1954.

Dr. Logan has done consulting engineering in his field and was associate director of NU's Transportation Center. During World War II, he was a major in the U. S. Army and worked in Brazil on the Amazon Valley Project. The new president served as director of the Sardinian Mosquito Education project and as Italy's representative to the International Health Division and in the division of Medicine and Public Health of the Rockefeller Foundation in London. He has published a book "The Sardinian Project."

Utilizing the education he gained at the University of Saskatchewan and Harvard, Dr. Logan is a member of Delta Omega, Sigma Xi and Tau Beta Pi. He has been honored by the United States, Italian and Brazilian governments and is one of six Americans in the Institute of Civil Engineers.

Dr. and Mrs. Logan have three sons. Two are in the Marine Corps (having attended IU and Lawrence College) and Charles will be in the eighth grade.

Along with his education, experience, ability and family, Dr. Logan brings to Rose his views on the education of a Rose man - it's methods, meaning and bearing on our lives:

"I am looking forward to my appointment at Rose. It is a school with an excellent reputation and fine traditions. I am sure that there will be problems, but perhaps the most difficult part of their solution is a definition of exactly what the problems are."

## Dr. Pao Is Named Civil Dept. Head

PROMOTIONS MADE IN  
CE AND EE STAFFS

In announcing Prof. Edward A. MacLean's retirement as head of the Civil department, Dean Moench has told that Dr. Richard H. F. Pao is the acting head of that department. Prof. MacLean is a graduate of the University of Maine and the University of Illinois. He has served as head of the department for 25 years. Prof. Robert Arthur was promoted to Associate Professor.

Dr. Darrell E. Criss has been named head of the Electrical department. Dr. Charles Rogers in that department has been promoted to associate professor. Fred Terry, Jerry Hahn and Rod Bogue all Rose '62 will work in the Electrical department in various teaching capacities this year while taking graduate study.

As previously announced in the EXPLORER, Dennis H. Sapp will join the Civil Engineering Department and Carl Herakovich will become football coach this fall. Other new faces in the faculty will include Edward Trunk, who was in the evening graduate program here. Mr. Trunk, a graduate of the City College of New York will be a graduate assistant in the Mechanical Department.

Dr. Wilson Miser, retired head of the mathematics department at Vanderbilt University, and a veteran educator and Warren J. Wayne, and former instructor and graduate assistant at Purdue will join the Math department. Laurence Logue ('59) who has been a graduate student at Purdue will return to Rose as a teaching assistant in the Physics Department.

The Chemical Engineering Department will add Dr. K. S. A. Raman to its staff. Dr. Raman is from Bangalore, India. Robert Ensmann, a graduate of Bowling Green University and Indiana University will join the Chemistry Department. He is currently working on his doctorate.

The brother of Bruce Baker, a senior, and the son of a former Rose chemistry professor will join the humanities and social studies department. Leroy Baker will enter the English teaching field. He was a graduate student at Harvard, majoring in mathematics.

Prof. John Hegarty is returning to the Physics Dept. after a year of resident graduate work at Boston University. Prof. Frank Guthrie of the Chemistry Dept. is back after a year's work at the University of Illinois. He has just completed his Doctorate at Indiana University. Prof. Barnett (math) is on two year leave at Virginia Polytechnic Institute and Prof. Warren Bowden (ChemE) and Ken Carr (EE) are on leave of absence.

### CLUB OFFICERS LISTED

## Lynn Robertson To Head Student Council

Class officers for this coming year who were elected last spring are: SENIORS, Phil Chute, President; Neil Irwin, VP; Ed Blahut, Sec-Treas. JUNIORS, Lindley Rudick, President; Steve Hoffman, Vice President; and Harry Templein, Sec-Treas. GRADY WALLACE will lead the sophomores, Bill Sims is VP and John Diefenbaugh, Secretary-Treasurer. The freshman election will be held later in the fall.

Lynn Roberts will lead the Student Council this year. Senior Representatives are Roberts, Bill Nicewanger and Steve O'Neill. Bill Kovako, Tom Terry and George Wagner are the Junior representatives while Evan Johnson, Norman Schuld and Jim Copeland are Sophomore representatives on the council.

Among the national professional organizations maintaining chapters at Rose, officers will be: AMERICAN CHEMISTRY SOCIETY: Larry Morgan P., Grady Wallace VP., Al Ratz S., and Bob Coltharp, T.; AMERICAN INSTITUTE OF PHYSICS: Phil Chute, P., John Haley VP., Rich Thompson T.; AMERICAN INSTITUTE OF CHEMICAL ENGINEERS: Paul Richardson P., Lynn Roberts VP., and Bob Steder S-T. AMERICAN SOCIETY CIVIL ENGINEERS: Chuck Rose P., & Tom Bosworth VP., Ed Downey ST & Jerry Nickerson, Recorder; AMERICAN SOCIETY MECHANICAL ENGINEERS: Tom Brown P., Gerald Oxley VP., Ed Blahut ST, INSTITUTE ELECTRICAL AND ELECTRONIC ENGINEERS (AIEE-IRE): John Portlock P., Marv Barnes Program, Dave Dumford T., Andy Breese AIEE-S, Joe Odenwalder IRE-S, SOCIETY AMERICAN MILITARY ENGINEERS will be headed by Andy Breese.

Joe Grumme will be president of the Blue Key Honor Fraternity and Billy Crynes is to head the Tau Beta Pi Honor Society.

SOCIAL FRATERNITIES will be led by Nick Kira ATO; Max Goodwin Lambda Chi; Bob Lovell Sigma Nu and Gerald Oxley, Theta Xi. Recently elected officers of Theta Xi are, in addition to Oxley, Pat Hauert, VP, Bob Murray T., and Curt Yee S.

Neil Irwin is president of the R Men and Dave Burtall is Camera Club President. Paul Richardson is president of the Campus Club. Larry Morgan Secretary and Bob Allen Treasurer.

Rick Rapson and Jay Pollit are the Editors of the 1963 MODULUS while Max Goodwin and Joe Grumme are in charge of the TECHNIC. Ken Miller is TECHNIC Business Manager.

## Class Of '62 Now Alumni

At the 84th Commencement, Dr. G. Raymond Fitterer outlined a few major developments in engineering as he spoke on "New Frontiers for Engineers." Other speakers were Henry Y. Offutt, president of the Alumni Association and William K. Keller, M. D., of the University of Louisville, School of Medicine.

Dale F. Oexmann, Vincennes earned the Hemmway Medal with his 3.88 c.u.m. Others graduating with high honors were Fred Terry, Shoals; Steve Ban, III, Hammond; Clyde Metz, Hobart; Jerry Badger and Joe Snyder, Indianapolis. John Walden, Al Story, John Olinger and Jerry Hahn graduated with honors. Degrees were conferred on 64 graduates, 19 of whom were sworn into the Army as second lieutenants. Sixteen will serve the Eng. Corps., 2 in Ordinance, 2 in Transportation and one in the Medical Corps.

Milton L. Oglesby, Class of 1892, a pioneer of the western mining industry, and oldest living alumnus was honored at the commencement.

Many Rose Men will become full time graduate students.

JERRY BADGER, Indianapolis, and DALE F. OEXMANN, Vincennes, received two of the three-year National Defense Education Act Fellowships and will take their work at Lehigh University, Bethlehem, Pa. There were 1,760 such fellowships granted across the na-

### DAVE RICE NEW BUSINESS MANAGER

Effective at the end of last semester David Y. Rice, a junior majoring in Mechanical Engineering, became Business Manager of the EXPLORER, the Editors announced today. Rice joined the advertising staff last year, and is serving the business staffs of both the TECHNIC and the MODULUS.

While he expects to continue serving the other publications, Dave will take care of all financial and business matters for the EXPLORER during his tenure of office. From his home in Rocky River, Ohio, Dave started his duties during the summer, tending the advertising matters for this issue. He has appointed Dave Morgan of Terre Haute as the first member of the new Business Staff. Through Dave's efforts the advertising and business directory in this issue were compiled and sold. Among the duties facing the new staff are a changeover to new printing presses requiring different material from national advertisers and an attempt to obtain more advertisements locally.

tion.

STEPHEN D. BAN, III, Hammond, also has one of these fellowships and will take his work at Case Institute, Cleveland, Ohio.

FRED H. TERRY, Shoals, JEROME E. HAHN, Chicago Heights, Ill., and RODNEY K. BOGUE, Indianapolis, have been appointed teaching assistants in the electrical engineering department at Rose and will take graduate work also.

MICHAEL GILPATRICK, Patoka, Ind., has an assistantship in physics at Ohio University, Athens, and will do some teaching. WILLIAM MCGIVERN, East Gary, Ind., will attend the School of Business Administration at the University of California at Los Angeles to work on the Master's degree in this area. CLYDE METZ, Hobart, has a graduate assistantship at Indiana University, Bloomington, while RICHARD MILLS, Indianapolis, is attending the Graduate School of Economics at Indianapolis. JOSEPH SNYDER, Indianapolis, has an Atomic Energy Commission special fellowship at Rice University, Houston, Tex., in nuclear science.

### Flying Club Being Formed

Under the leadership of Del Ellis and Professor Hooper, Rose's newest extracurricular activity is now organizing. A group to be known as the Flying Club plans to meet for one class a week with an F.A.A. certified instructor to learn aircraft familiarization, principles of flight, Civil Aeronautics Regulations (radio systems, meteorology, aircraft maintenance and cross country and instrument navigation. This (non-credit) class will meet at school and is expected to cost each student \$5 to \$10 a semester.

Club dues will be \$2.00 a month. Activities which are planned by the club in addition to the classes include a plane trip and cross country fly-in. Club members may also take flying lessons in a Cessna 120 and Cessna 172 at Hulman Field. The experience thus gained under the training of a regular instructor can lead to a regular flying license. Cost of the flying lesson is rated by the hour. Flying lessons are optional, members will be able to participate in class seminars and club activities without taking flight instruction.

### Civils Finish Campus Survey, Map Project

A team of 22 students in the Civil Engineering Department has completed a topographic survey of the college campus as a part of the requirements of the civil engineering curriculum.

Directed by Robert S. Kern of Ashmore, Ill., a senior and project engineer, the group did a complete surveying study. The raw data was processed at the Edward G. Waters Computing Center of the college, Kern said, through use of a program written last year by Dr. Darroll E. Criss, head of the electrical engineering department.

As a result of the project, the maps of the campus are now updated to include location of the new dormitory and changes in location of utility lines and other campus features.



## EDITORIAL

## EXTRACURRICULAR IS IMPORTANT

Rose Polytechnic Institute offers an education to the thinking man. The 18 or 19 hours of school credit that you take each semester trains you to integrate a dx, to balance a combustion reaction, or to determine the power loss across a multi-tapped channel-type resistor, all of which is utterly useless in normal, everyday dealings with non-technically educated friends (i.e. just plain people). Something must be added to this training process to successfully convert it to an educating process. The large choice of various extra-curricular activities bridges this gap.

Everything from soup to nuts is offered here at school, and each and every activity is worth investigating. There is not one "slacker" in all the organizations at Rose. Each is active in its own field and is a highly useful outlet for activity which you personally feel a necessity for.

The bulletin lists all the publications, clubs, and organizations which fit in well to make the everyday routine a life of enjoyment and usefulness, not one of existence and uselessness.

In high school, you could almost overlook after-school activities and get away with it ok. The job, the dates, the car, the guys, etc., all kept you busy with different interests — this kept you alive and interested. Such a vast array of diversionary processes is not possible here. You might budget time for what you feel is important and then attack it — zealously.

Join a club, join a publication and you'll find that you'll have no trouble whatsoever with the glaring stares of people who might inadvertently brand you "Rose Poly Clod." With your help, no such creature ever need exist. DK

## LETTERS FROM SCOTLAND

## "It Starts and Ends At The Pub"

By Bill Brown '62

(ED NOTE) Bill Brown was selected as a rural youth for foreign exchange in rigorous testing and elimination procedure last year. Upon his graduation from Rose last June, Bill forsook the rolling country at his native Bowling Green, Indiana, he shook Uncle Sam's beckoning offers and turned down industry's tempting offers in order to travel to Scotland. Here he and an American girl (whom he conveniently failed to properly introduce to us) are living and working with a farm family — spreading American smiles and gaining an education not found in books or classrooms.

Binno

July 27, 1962

Binno

July 27, 1962

To those unattached males at RPI who are pursuing happiness with the opposite sex, I'd like to suggest that it (happiness) might be found throughout the world.

The manners used may not be the same as you are used to, but the end result is the same — marriage. I have been observing the customs of dating here, from a distance, having attended seven dances and sitting up last night until 4 A.M. this morning talking (? ed) talking to my host sister.

The young men here work hard and with a pace like that they don't slow down on weekends. The relaxation starts on Friday and lasts through Saturday night with Sunday to recover. For most it starts and ends at the pub with a dance in the middle of both Fri-

day and Saturday evenings.

The boys here don't take a girl to the dance unless they are very serious. They meet the girls at the dance and then take them home. For a fellow in my situation here this system is very convenient. There are more dance halls here than in Terre Haute, and many fine lassies to aid the party on its way.

I would like to say to the seniors — look around — the Scottish lad who is really beginning to enjoy this system is about 22. Marriage is an awful word at that age for they hardly consider settling down until they are past 25 or 26.

I could have told you about my escapades in the turnip field, but I know what is on your minds — sex.

Girls' dresses are getting so short we wonder what the designers will be up to next.

Some husbands, married for fifteen years, have never ceased to be romantic. If the wife ever finds out, however, she'll break his neck.

An actress just married a broker. Now he will be.

Lovers kiss with their eyes shut and sometimes marry the same way.

There isn't as much danger in a loose wheel as a tight driver.

A man never sees the stork that brings his children, only the bill.

No man can make a place for himself in the sun if he continues to seek shelter under the family tree.

## SHORT AND SWEET



Last year's freshmen evidently had forewarning of the nature of their physics final. A live chicken was running up and down the aisles during the exam — or did one of the instructors accidentally bring it?

Professor Bowden from the Chemical Engineering department missed the last week or so of school last spring — with the mumps?

Prof. Bush's little girl is probably still hunting dandelions on campus. He was heard to give her a sage bit of advice "Did you try looking out in the grass?"

## Rose Poly

Hank Winton was greeted at the EEE final last spring by a large screw drawn on the blackboard and appropriately labeled "Triple E". In the course of the morning, a nut appeared near the screw, labeled in Mr. Winton's unmistakable writing "EEE Student".

For the worst pun of the year, Prof. Haist wins our Coke bottle cap badge. He was discussing appropriate topics for essays in Letters and Reports when someone was awake enough to catch him saying "A boy kissing a girl, or vice versa...I don't know which is vice and which is verse."

If you hear anything in class which would be appropriate for Short and Sweet, please write it down (accurately) and put it in the campus mail for the EXPLORER. Likewise, if your club, department or wife does anything newsworthy, please let us know.

At a table for two, who normally sits with back to the wall? On an MS II Quiz, one fellow said, "The female, so she can face all the action." Say Capt. Kelley, what is the answer?

Prof. Headdy reports outgoing Rose Men received an average of four job offers at average starting salary of \$557.00. Dean Ross reports \$18,000 worth of scholarships to incoming Rose (fresh) men plus \$14,800 federal loans. They'll have work ahead too.

BOLIVAR SHAGNASTY is certainly happy to see the improvements under way at the Student Center. He writes that he was overjoyed to get the letter from Rocky inviting him to go out for football. He was a little discouraged that a PS was added "We are sorry no protective equipment can be issued you, but we want you on the line Bolivar."

## THANKS—

I wish to thank the members of the staff and other students who helped me during the last hectic weeks last spring and during the summer to make this issue of the EXPLORER. Special thanks also to Mrs. Larry Anderson and Miss Susan Mowery for their editing and makeup assistance. MDR

## ADVERTISERS—

Each student pays about 22c for each semester's subscription to the Rose Tech EXPLORER when he remits his \$15.00 Activities Fee. This does not begin to cover the expenses incurred in bringing you your paper. Many Terre Haute and National businesses care enough about you to foot nine tenths of the bill. You can show your appreciation by patronizing our advertisers whenever possible. We need their ads — they need your business.

## LETTERS—

Letters to the Editor are most welcome. We will print everything (in good taste) you have to say about any campus issue. All letters must be signed, and dropped in the campus mail to "EXPLORER" at least a week before the issue in which they are to appear. Names will be withheld from publication upon request for good reason.

## EDITORIALS

## HAIRY HARE SYSTEM

The presently used Hare system of electing officers in all elections supervised by the Student Council is certainly well named. It is hairy, and about as sensible as a wild hare. Elections under this system can be more a popularity contest and a game of chance than placing the right person in an office he is suited for. It is sincerely hoped the Student Council will study this problem and change to a more conventional straightforward balloting method. MDR

## COLLEGES AND TRADITIONS

"Something handed down from the past; and inherited culture, attitude, etc." This is the dictionary definition of what a tradition is. In college life this definition assumes far broader implications. Nearly all you knew about college in general before you came to Rose, was the legendary tradition associated with collegiate life. The stereotyped college men are big men, enjoying life, having blasts, playing banjo's and singing over their steins or escorting beautiful women in convertibles or canoes to exquisite places, and spending spring vacations on the beaches of Florida. Ah, the joys and wonders of the fount of knowledge at the wonderful halls of ivy... you think.

Unfortunately, it may seem, other more practical traditions have implanted themselves in the wooded acres at Rose Poly. Some traditions are written in booklets handed the freshmen. These "major" traditions are aimed at HELPING THE FRESHMEN LEARN TO KNOW THEMSELVES, FELLOW FRESHMEN AND UPPERCLASSMEN. Only by following tradition can a Rose Student become a ROSE MAN and join the family. This may sound absurd, but Rose men are a large family — unlike the situation at large colleges and universities. (One unusual tradition which will keep you in the family is good class attendance and diligent use of texts.)

In another article in this issue, there appears a short explanation of many "unwritten traditions." Some of these have lain dormant for a year or two, but freshmen will do well to observe them. Honesty is one of the most outstanding traditions at Rose. A book may be left on a table in the Student Center, a slide rule in the main building, or a washcloth in the washroom at the dorms — yet these items will still be in their places an hour or a day later. The men in the Rose family respect one another, and they respect each other's property. This tradition leads to the education of professional men. MDR

## GUEST EDITORIAL

## Second Column Grading

(ED. NOTE) In the May 1962 issue of the TECHNIC, Joe Grumme printed an editorial which was met with students busily getting ready for the close of school, and faculty members who could not reply because no more TECHNICs or EXPLORERS were published after that issue. We take the liberty of reprinting Joe's editorial, not because we advocate it, but because we feel it deserves your consideration.

"Every instructor, at one time or another, comes in contact with a student whose attitude is out of place with his dedicated and interested classmates. This is the student who cuts time after time, and when he does attend class, he sleeps or daydreams, and shows no interest in what is going on. Often such a student is brilliant enough to maintain high grades without applying himself.

"The instructor, when making his final evaluation of this student, feels compelled to include a record of his apparent unconcern and laziness. This leads to a 'second column' type of grading, whereby the instructor averages test grades from one column, and then subtracts (or adds, depending on his judgment of the student's attitude) a subjective factor from his 'second column'.

"I feel that it is an instructor's job to teach, and not to judge. I realize, however, that instructors, like students, are human and will not treat students as statistics. This is as it should be; most professors take an interest in their

students and are always available for advice. These, then, are the two professional functions expected of instructors; to teach subject matter and to give advice and counsel.

"When an instructor judges a student on the basis of personal opinion he should do so only for his personal satisfaction, and should not record anything but scholastic achievement on the student's permanent record.

"The instructor has several consolations in turning in good grades for what he considers a 'lazy' student. If the student is truly lazy, it will show up in later scholastic work, or in the student's endeavors in industry. Also, an interviewer may ask the instructor about his opinion of such a student. This is the time when 'second column' practices are justifiable.

"Many students are topnotch in their departments, but look upon one particular subject as a chore that must be done before he may graduate. Since no one can be interested in everything, an instructor in such a case is being unfair when he includes a grade-lowering subjective factor on the student's record. Such practice gives the student one more black mark for interviewers to notice when he is competing for fellowships, assistantships, or industrial employment.

"Until Rose changes its grading system entirely, 'second column' grading should never be practiced, and grading should remain as objective as the present system dictates." J.G.G.

## IN MEMORIAM

Dr. Russell J. Humbert  
President DePauw University  
Friend of Rose and Rose Men

## GET YOUR MODULUS NOW

## THE ROSE TECH EXPLORER

National Ad Agency: National Advertising Service, Inc.  
420 Madison Ave., New York 17, N. Y.

CO-EDITORS: Dennis Karwatka, Merle Rice  
EDITORIAL ASSISTANT: Ron Turaski

## SPECIAL STAFF THIS ISSUE

EDITOR: Merle Rice

MANAGING EDITORS: Marvin Barkes and Ron Turaski

Makeup and Proof: Mrs. Larry Anderson, Miss Susan Mowery

Business Staff: Dave Rice, Larry Morgan, Mrs. L. Anderson

Faculty Advisor: Professor Reid Bush

Writers: Bob Allen, Larry Morgan, J. R. Righthouse, Jim Lunsford,

Ken Miller, Billy Crynes, George Wagner and RPI News

Bureau



# Focus on Faculty

By News Bureau

A number of faculty members at Rose Polytechnic Institute continued graduate study and attended various seminars and professional meetings during the summer, according to a report on summer activities.

Six faculty members worked under a National Science Foundation Grant, Prof. Frederick C. Barnett of the mathematics department is going to Oklahoma State University at Stillwater for an eight week's course, the third summer he has studied under such a grant. He has been granted a faculty fellowship for the coming year and will take leave of absence for graduate study at Virginia Polytechnic Institute.

Prof. Thomas Duwelius of the civil engineering faculty will be on an NSF grant at Oklahoma State University for study of structures, structure analysis, and foundations.

Dr. Charles C. Rogers of the electrical engineering department has been selected as a research participant at Stanford University, Stanford, Calif., under an NSF grant. He will work in the electronics research laboratory on the electromagnetic properties of ionized gases or plasmas. This Dr. Rogers said, is of utmost importance in the communication with space vehicles and a new type of engine utilizing plasma phenomena is presently being developed for the propulsion of space vehicles.

Dr. Richard W. Neithamer of the chemistry department attended a 12-day conference on the advances in the chemistry of coordination compounds at Ohio State University, Columbus, July 23 to August 3, also NSF-sponsored, for industry and those from other academic institutions. He will do some research at Rose and also attend the National Inorganic Symposium at Indiana University July 8 to 11.

Prof. James Matthews of the mechanical engineering department will spend eight weeks at Tucson, Arizona, where he will be working at the Aerospace Engineering Institute of the University of Arizona under a NSF grant. Prof. Edward H. Eckerman of this department is participating in the summer institute for process dynamics control and optimization at the University of Colorado at Boulder under an NYS grant. Prof. Robert Steinhauer of this department will attend an industry conference at the Detroit Edison Co.

Prof. Benjaminov Benjaminov of the chemistry department is one of five faculty members granted also a faculty fellowship and year's leave of absence to continue graduate study toward the doctorate. He will do research at the Weizmann Institute of Science at Rahovoth near Tel Aviv, Israel. Other faculty fellowships and leave of absence were granted: Prof. Warren Bowden of the physics department who will continue graduate study at Purdue University; Prof. Carl V. Munselle of the humanities and social studies department will complete work on his doctorate at Columbia University, New York; and Kenneth Carr, of the electrical engineering department who is studying this summer at the University of Illinois, will remain there for continued doctoral work.

Henry C. Winton of the electrical engineering department continued his graduate study during the summer at the University of Illinois. Prof. Robert Arthur of the civil engineering department will continue research on his doctorate in the laboratory at Rose.

Paul Mason of the physics department will be with a group at the Massachusetts School of

Technology for study of solid state physics, and the group will do research - type experiments, some of which can be used in teaching in college laboratories. The study is financed in part by the Ford Foundation.

Dr. Oran M. Knusden, head of the chemistry department, will be at Case Institute in Cleveland for three weeks to attend a spectroscopy conference.

Dr. Wilkison M. Meeks, head of the physics department, is continuing his U. S. Navy research underwater sound, and in August he and his family went to Europe for a month's tour of Germany, France, England and Denmark. He attended the International Conference of Acoustics in Copenhagen at the end of the month.

In the humanities and social studies department, William Makely took graduate courses in philosophy at Indiana State College toward completion of the Master of Arts degree in that area. He has been granted already Master of Arts degree in English from the University of Chicago.

Duane Elbert of this department taught summer school at Illinois State Normal University at Normal. He presented the historical aspects of the development of the western frontier as part of an interdisciplinary course, with complementary teaching in two related areas of biology and geology by other professors in these areas. He was at Normal for one week, and then with the class one week in transit to the University of Utah at Salt Lake City, where the group studied for four weeks and took field trips out of Salt Lake City. A week was spent on the return trip via the Grand Canyon, and the last week was spent at the University.

Dr. Darrell E. Criss, head of the electrical engineering department, was in Detroit from June 18 to July 28 doing research at the Detroit Edison Co.

Dr. Ralph Llewellyn, Jr., of the physics department and Dr. J. Nelson Reeds, head of the chemical engineering department, were on campus during the summer working on research.

Prof. Alfred Schmidt of the mathematics department is revising the supplement he and Professor Barnett wrote last year for the freshman mathematics course.

Prof. Thomas Gurbach of the engineering drawing department will be working with Banka Mango Industrial Design of Chicago; Prof. John Oerry of the electrical engineering department spent the summer as research engineer on spacecraft radio development at the Jet Propulsion Laboratory at the Pasadena, Calif., and Prof. Irvin P. Hooper was at the Pratt and Whitney plant in E. Hartford, Conn., for the summer.

Dr. Charles Rogers of the electrical engineering faculty will present a scientific paper this June at the Technical University of Denmark in Copenhagen.

He will attend also the symposium on interaction phenomena in plasmas, July 2 to 6 in London, England.

Prof. Bloxsome attended a Planning and Development Workshop at Indiana University in June. Dean Moench, Prof. Haist and Prof. Palmer attended the annual meeting of the American Society for Engineering Education in June. The meeting was held at the Air Force Academy, Colorado. Prof. Palmer served as moderator for the discussion on undergrad math programs for the Mathematics Association. Prof. Haist is chairman of a committee in the humanities-social science division of the ASEE to restate the division's goals-luck.

## TERRE HAUTE BUSINESSMEN WHO ARE INTERESTED IN YOUR TRADE

### AUTOMOTIVE

**CITIES SERVICE**  
30th North of Wabash  
Car Wash

**SMILEY'S**  
JIFFY CAR WASH  
27 N. 2nd Street

### BARBERS

**DAUGHERTY'S**  
Modern Union Shop  
8 North 4th St.

**HARPER'S**  
Seeleyville  
Parking Both Sides

**NORMAN'S**  
1315 Eagle Street  
All styles of flattops

### CLEANERS

**FELIX CLEANERS & SHIRT**  
LAUNDRY 1120 Ohio C-4381  
Meadows Center L-7810

### FLORISTS

**COWAN BROS. & PAYNE**  
2100 Spruce Street  
C-9606

### CLIP THIS BUSINESS GUIDE

FEEL LIKE BOWLING?

**THE BLOSSOM SHOP**  
1437 Ohio Street  
C-0058 or C-3828

### JEWELERS

**WIANDT'S JEWELERS**  
642 Wabash Avenue  
C-2537

### MEN'S APPAREL

**JOSEPH'S**  
636 Wabash Ave.  
L-6119

**MICHAEL AND MANN'S**

### MUSIC - RECORDS

**PAIGE'S MUSIC STORE**  
642 Wabash Ave.  
C-6091

### PHOTOGRAPHIC

**THE SNAP SHOP**  
MEADOWS SHOPPING CENTER  
C-2976 C-2861

### PHARMACISTS

**MEADOWS PHARMACY**  
Meadows Center  
L-5500

**BEL-AIRE BOWL**

### REFRESHMENTS

7 UP

**MEADOW GOLD**  
Ice Cream  
STUDENT CENTER

### RESTAURANTS

**HENRI'S**  
3631 Wabash  
Dining Room — Car Service

**O'DAY'S**  
Famous Stackburger  
673 & 2645 Wabash

**TUCKER'S STEAK HOUSE**  
30 North Brown  
Delicious Food

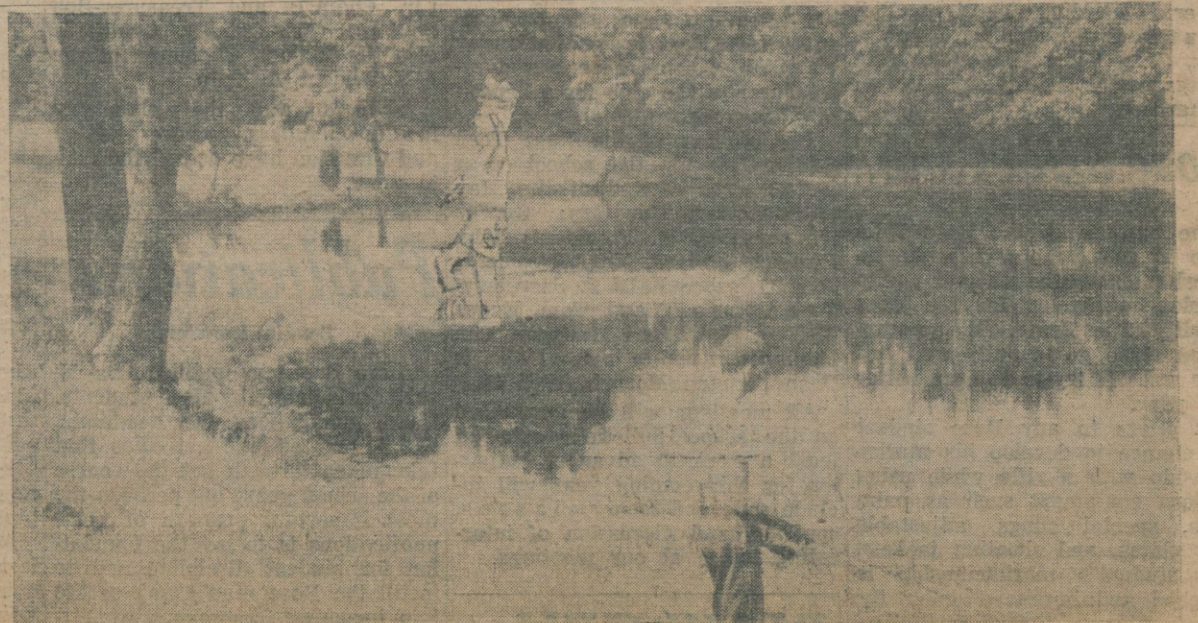
### SCHOOL SERVICES

**BOOK STORE**  
Home of sweat shirts  
Decals & supplies

**NATIONWIDE FOOD**  
SERVICE serving  
cafeteria and S. C.

**HP SHIRLEY**  
serving Rose

WABASH AVENUE



**BOLIVER SHAGNASTY** considers himself lucky. He hit no glass while swimming in the lake—though it resembles a mud waller in the bottom. Boliver hopes Dr. Logan will bring with him from Northwestern the knowhow to buy a barge or two of sand from Burns Ditch to make the lake bottom safe and enjoyable for swimming and other activities. It might help if the students found other trash receptacles too.

Compliments of  
**7up Bottling Co.**  
1221 Hulman  
Terre Haute

### DAUGHERTY'S Barber Shop

Hours 8:30 A.  
M. to 5:30 P.  
M. All Modern  
Union Shop  
**8 NORTH 4th ST.**

Compliments of  
**H. P. SHIRLEY & COMPANY**  
Wholesale Grocers  
534 N. 4th St.—Terre Haute

## WANTED ALIVE



Reporters, Ad Salesmen,  
Photographers,  
Make-up & Copy Workers  
**EXPLORER**



### Shopping downtown?

**O'DAY'S Restaurant**  
673 Wabash C-8065

For a quick snack  
**O'DAY'S DRIVE-IN**  
2645 Wabash C-9831  
Complete Carry-Out Service

## ROSE POLY BOOK STORE

Your Official School  
Jeweler and Sportswear Department  
Mrs. Gillaspay — Manager  
Books — Fraternity Decals  
Pencils — Cokes and Candy  
Paper — Sweatshirts

CITIES SERVICE	
FREE CAR WASH	
3-MINUT CAR WASH	
30th Just North of Wabash	With fillup of
Car Wash	at least
Cost	
FREE	15 Gallons Gas
29c	14 Gallons Gas
39c	13 Gallons Gas
49c	12 Gallons Gas
69c	10 Gallons Gas
89c	8 Gallons Gas
\$1.09	6 Gallons Gas
\$1.29	4 Gallons Gas
\$1.50	Reg. Price

## Stewart Martin's SNAP SHOP

Terre Haute's Most  
Complete Camera Shop  
Meadows Shopping  
Center

**NORMAN'S**  
BARBER SHOP  
1314 Eagle St.  
Flat tops Any style

Terre Haute's Finest  
Steak House  
**TUCKER'S**  
30 N. Brown

Compliments of  
**NATION WIDE FOOD SERVICE, INC.**  
Servicing  
**Cafeteria & Student Center**  
One of Over Two Hundred Operations  
— Nationwide  
**Robert E. Lynch — Manager**



## ATTEND BLUE KEY SMOKER

## MEET YOUR CLUBS

## Tau Beta Pi

By Billy Crynes

The Tau Beta Pi Association is a national engineering honor society.

Tau Beta Pi's purpose is to mark those who have conferred honor upon their alma mater by distinguished scholarship and exemplary character as students, or by their professional attainments as alumni, and to foster a spirit of liberal culture in engineering colleges.

This is a goal which every freshman should strive for. It is a goal which every freshman can attain with the proper application of mind and body.

The Tau Beta Pi Association was founded in 1885 by Dr. Edward Williams at Lehigh University, Bethlehem, Pennsylvania. The Rose chapter of Tau Beta Pi received a national charter in 1928. It was originally a local honorary society known as the Theta Chapter.

The present officers of the Rose chapter are: President, Billy L. Crynes; Vice President, Ken Miller; Recording Secretary, Phil Chute; Corresponding Secretary, Greg Bolt; Treasurer, Mike Bumgardner; Cataloger, Paul Richardson.

## Rose Rifle Club

By J. R. Righthouse

The purpose of the Rose Rifle Club is to promote rifle marksmanship among the students and to develop marksmen for the Rose Varsity Rifle Team. It accomplished these goals quite well last year and will try to do even better this year.

It offers to any Rose student the chance to develop his marksmanship with a rifle while using modern equipment such as palm rests, special slings, adjustable butt plates, and shooting jackets. The student's marksmanship is watched and improved under the expert guidance of Captain Kelley, coach of the Rifle Team, and Sergeant First Class Murray, freshman coach and Range Officer. Last year, under the guidance of Captain Kelley and Sergeant Murray, two Freshman who had never fired on a rifle club before developed their marksmanship to such a degree that they were placed on the Rifle Team, giving the team greater depth.

Thanks to the Rifle Club's development of talent during the past years, the Rose Rifle Team last year had a record of 20 wins, 11 losses for its national postal matches, and it defeated 14 of the 33 teams it fired against in shoulder-to-shoulder matches. In postal matches each team fires on its own range and sends its scores to the other team, providing a quick and easy way to compete against teams all over the nation.

Club dues are \$2.00 per year. Payment of these dues entitles a member to fire two nights a week on the rifle range with the ammunition and rifles furnished. A member who owns his own target rifle may use it. To be on the rifle team, a student must fire consistently 260 out of 300 possible points.

Marvin Barkes is President of the Rifle Club, with Gregory Bolt serving as Vice President and the secretary-treasurer is Grady Wallace.

## Radio Club

By George Wagner

W9NAA is the call of the Rose Tech Radio Club amateur radio station. The radio club at Rose was founded in 1923 and its station has been licensed by the Federal Communications Commission since 1927. The goal of the club is to further interest in radio as a hobby. Both students and faculty members are active in the club. The only requirement for membership is attendance at two of its monthly meetings. No dues are charged as the club is financed from student activity fees.

From the 'shack' located beneath the Electrical Engineering Department on the east side of the main building it is possible to communicate with other hams in nearly all parts of the world. The club station is also a member of the Indiana Army Military Affiliate Radio System (MARS) and used the call A9NAA. Any member of the club who is also an Army MARS member may fulfill his operating time requirements at A9NAA. Keys to the shack may be obtained from the secretary-treasurer of the club for a deposit of fifty cents.

The officers of the Rose Tech Radio Club for the school year 1962-63 were elected at the May 1962 meeting. They are: George Wagner K9KBW, President; John Portlock K9KOQ, Vice President; John Oglesbee K8DFY, Secretary-Treasurer; and Tom Evans K9QNO, Operations Manager. The faculty adviser to the club is Dean Herman Moench, W9NZH.

All meetings will be announced on the school bulletin board at least a week in advance. Activities for this coming year will include code and theory classes, contests, and discussion of interesting topics at our meetings.

## BLUE KEY

By Ken Miller

A hearty welcome to the freshman class from Blue Key National Honor Fraternity! We in Blue Key hope to become acquainted with you very soon when you purchase your 1961-1962 school calendar from our salesman.

At this time you will probably want to know something about Blue Key. Blue Key is an honorary fraternity devoted to the cause of well-rounded scholastic and extracurricular achievement. Having grown in strength to a total of over one-hundred national chapters, Blue Key functions as a service organization on the college campus. At Rose, Blue Key performs in various capacities, such as staging the talent show at Homecoming, promoting the St. Pat's Dance, and acting as host on Parent's Day.

How does one become a member of Blue Key, you ask? Well, each semester Blue Key taps for membership those juniors and seniors above all-men's average who have given considerable effort for the betterment of Rose Polytechnic Institute. The present undergraduate enrollment consists of eleven seniors, and several new members will be tapped at the Honors Convocation this fall.

On behalf of President Joe Grumme and the other officers and students in Blue Key, we extend the sincerest wish that your stay at Rose will be a fruitful one. We will be happy to assist you in any way possible throughout your college career.

## Chemistry Club

By Larry Morgan

The Chemistry Club at Rose offers a wide and varied field of interest, for both those thinking about chemistry as their field of study and those just curious about certain aspects of the world in which we live.

During the year, the club has guest speakers from both industry and academic institutions, as well as films on various topics of interest and student reports. The club is also a recognized Student Affiliate Chapter of the American Chemical Society and participates in a Tri-State meeting of Student Affiliates where student papers are presented and judged. At the end of each year, a banquet is held with an interesting after-dinner speaker.

The officers for the academic year 1962-63 are as follows: President-Larry Morgan (Jr. Chem.); Vice president-Grady Wallace (Soph. Chem.); Secretary-Al Ratz (Jr. Chem.); and Treasurer-Bob Coltharp (Jr. Chem.). Grady is also the Indiana Chairman of the ACS Student Affiliate.

Advisors are the chemistry faculty members, whose advice and direction have helped the club to grow.

## Publications

By Jim Lunsford

There are four publications issued periodically by Rose students. These publications post academic, social, and athletic activities that take place through out the course of the school year; but perhaps the most important purpose of these publications is to lay the foundation for student discipline and to instill the Rose man's way of life into incoming freshmen.

The Explorer is a bi-weekly school newspaper whose publication rests entirely on a student staff. The first publication was in February 1959. The paper provides one of the best methods for a student to give constructive criticism on certain topics that he feels will better the student body. The editors and reporters are also given this same freedom in preparing the articles that are printed in the paper. The Explorer also provides coverage of events that have taken place and ones that are to take place which are of student interest.

The Modulus is the school annual and it too is published by a student staff. It provides a complete photographic record of high lights of the school year. The book also contains pictures and material describing the various organizations of the student body.

The Rose Technic, the oldest continuously published student engineering magazine in the nation, is published monthly, during the school year; it too is edited by a student staff. The magazine provides the students as well as the alumni with articles on technical advances that are being made in engineering and science. The magazine also features articles concerning the four fraternities and school news. The articles are contributed by members of the faculty, the student body, and alumni. Miss Technic and the Slydrooling page also make a big hit with the student body.

Fourth of the publications is the Student Handbook which is published every third year by a student board. It is issued to the freshman class and other students at Rose. The purpose of the booklet is to serve as a guide to various aspects of school life and, especially for the freshmen, to help students get orientated for a successful year at Rose.

These four publications, which strive to improve student life and help each student to find his place in the Rose family, require student interest. There is always room on the staff of any of these publications for any student who would like to contribute his talent.

## GLEE CLUB

By Merle Rice

Following the highly successful Glee Club Tour last spring, Jeff Griggs, sophomore, has already begun preliminary ground work for a tour planned for this coming spring. The newly elected officers of the club are Larry Shaffer, President, Merle Rice, Business Manager and Dave Rennels, Librarian.

The first appearance of the Glee Club this year will be at the Homecoming banquets. FRESHMEN and upperclassmen who enjoy singing are urged to attend the club's practices. Larry Shaffer, president and Bill Nicewanger, past-president were both emphatic in urging all men to come out for the group. They pointed out that a man need not be a soloist. He need only be able to carry a tune and enjoy singing in order to gain relaxation and interesting experience while helping the college in its public relations.

## Rose Math Club

By Bob Allen

The Rose Math Club was organized to stimulate an interest and understanding of both pure and applied mathematics.

Math Club membership is open to all Rose men, and anyone interested in mathematics is encouraged to attend the meeting and lectures by students and faculty on various branches of mathematics sponsored by the club from time to time.

Plans are being made to sponsor a guest lecturer, and have fall and spring picnics or dinners. Also in the spring, the club hosts the Math Fair for high schools of the Terre Haute area.

Officers for the fall semester are Dave Randolph, president; Bob Allen, vice president; and Mars Gralia, secretary-treasurer. If math is "down your ally," feel free to talk to any member about the club and to come to any or all of the meetings.

## Unwritten Traditions - Written

Part of life at Rose cannot be carried on without learning how life at Rose is supposed to be carried on. To save a few hard knocks for the incoming Class of 1966, a few of the unwritten traditions are written here.

In the days of old when the campus was where Gerstmeier Technical High School now functions, there was an interesting tradition to determine whether freshmen were allowed to smoke. A huge pipe was the scene of the action— whoever could get the most hands on it was victor. This tradition has fallen by the wayside. Freshmen are not expected to smoke pipes at any time today, however.

Another old tradition which was lost is the senior bench. The most outstanding reason for the loss of this tradition is the loss of the bench.

The asphalt senior path has not strayed however, and should be considered to have an invisible shield surrounding the entire island impervious to freshman footsteps.

It is considered common courtesy for the parking space near the Student Center to be left available for use by the faculty and upper classes. A tradition which the freshmen reap an immediate reward from is the repair and placing in the lake (by the class of 66) of the swimming pontoon raft. The repair and painting of Rosie, the mascot, as well as a full class escort for her at all football games here is a chore all preceding freshman classes have undertaken with various degrees of vigor. It is expected to continue this year also.

Do's and Don'ts include for frosh: Don't eat at the front tables in the cafeteria. When you get old, you won't be able to make it to the rear either. Don't grow a beard or cookie duster until St. Pat's time unless you wish to experience a unique shaving method (and ROTC demerits). Do attend ALL HOME football games and convocations. Plan your trip to the convo's so that you will enter the rear door, sit in the rear and leave at the rear.

It would be well to start organizing and planning now for the Homecoming Bonfire. Upperclassmen seem to forget many construction techniques and other helpful information until your methods remind them of past years. The bonfire must always be higher and better than the one preceding. A good guard system FOR THE ENTIRE CAMPUS should be maintained during construction week.

A tradition popular with freshmen is asking why all the traditions are needed. The answer cannot be written or spoken. It will grow on you as you participate as a Rose family member.

Watch  
For  
Reopening  
Soon

STUDENT CENTER  
DATE NITES Fridays  
Cokes TV 5c Juke Box  
Grill Cards Ping Pong

**PAIGE'S  
MUSIC STORE**  
642 Wabash Ave.  
Terre Haute's Most  
Complete Music Store  
Records — Sheet Music  
Stereo Tapes

**A  
SPARKLING CAR**  
Quickly  
and  
Thoroughly at  
**SMILEY'S**  
**JEFFY CAR WASH**  
27 N. 2nd St.

**HARPER'S BARBER SHOP**  
Parking Both Sides of Shop  
U. S. 40 In Seelyville S5083  
Open 8:30 to 5:30 Tue.-Sat.

Dining Room or Car Service

**HENRI'S**

3631 Wabash

Western Indiana's Finest Restaurant

**MEADOW GOLD DAIRY**

Servicing

**ROSE CAFETERIA & STUDENT CENTER**  
With High Quality**MILK & ICE CREAM**

"If it's Meadow Gold it's Mighty Good"

**Beatrice Foods Co. C-6858**